

Aarogya Rijal

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EDUCATION

Columbia University: Columbia Engineering
MS in Data Science

New York, NY
Aug 2026 – Dec 2027

Worcester Polytechnic Institute (WPI)
BS in Computer Science; Major GPA: 4.0/4.0

Worcester, MA
Aug 2022 – May 2026

- Courses: Software Engineering, Machine Learning, Database Systems, Algorithm, and Operating Systems.

PROFESSIONAL EXPERIENCE

1M Solutions Pvt. Ltd.
Co-Founder & Head of Engineering

Kathmandu, NP
Jan 2026 – Present

- Co-founded and scaled a software company building proprietary products and delivering software solutions to 7+ external clients.
- Lead a 10-person cross-functional team across engineering, product, operations, and marketing.

WPI Marketing & Communications
Student Software Developer

Worcester, MA
Dec 2023 – May 2026

- Maintained 100+ production wpi.edu pages serving 60K+ monthly users, using Drupal, Laravel, TypeScript, SASS, and GitLab.
- Resolved 900+ production errors, and migrated JS to TS, reducing runtime errors by 98% and improving frontend reliability.
- Developed reusable Drupal components and site-wide features to support major campaigns, including President's Inauguration.
- Implemented automated alert systems to track profile changes, generate daily reports, and send critical notifications to admin.
- Owned development and deployment of an Alexa skill to AWS, providing live campus news and media on Alexa-enabled Devices.

Baato Maps & WPI
Product Research & Analyst

Kathmandu, NP
Oct 2024 – Dec 2024

- Sampled and interviewed 30+ users from 100K+ userbase to identify market gaps, resulting in implementation of 5 new features.
- Co-authored market research on competitive advantages and challenges of building a locally relevant mapping platform.

CODING EXPERIENCE

FounderCloud (foundercloud.com)
Tech Lead

Startup

- Migrated production domain with 30K+ active users, handling redirects, DNS, analytics, and SEO configuration.
- Led full rebrand of 20+ pages from Starhawk to FounderCloud, by completely redesigning website, logo, and all site copy.
- Built a feed to share startup ideas and interact with it, driving active community engagement through posts, likes, and comments.

Sirkoi (sirkoi.com)
Co-Founder & Tech Lead

Startup

- Secured \$20,000 for a tutor discovery platform and AI-native LMS and scaled it to 1000+ tutors and students.
- Reduced cloud infrastructure costs by 95% by migrating infrastructure to AWS EC2 and RDS with automated CI/CD pipelines.
- Led 100+ issues, 75+ PRs & 500+ commits across team in 4 time zones, while balancing technical debt with feature iteration.

Khel (khel.it)
Co-Founder & Tech Lead

Startup

- Co-founded a sports platform connecting 200+ users with 110+ venues, owning product development from MVP through launch.

7Factor & WPI
Software Engineering Project

Sandy Springs, GA

- Built a Webhooks-as-a-Service app to enable secure, real-time event delivery, using Next.js and deployed it to AWS.

LEADERSHIP

- **Treasurer**, Table Tennis Team, Worcester Polytechnic Institute
- **Peer Well-Being Ambassador**, Worcester Polytechnic Institute
- **UN Speaker** on Youth in Technology, Nepal
- **Finalist & Team Lead**, FIRST Tech Challenge(FTC) India

Dec 2025 – Dec 2026
May 2023 – May 2024
July 2022
March 2022

SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, C++, SQL, MATLAB

Framework: React, SASS, Node.js, Adonisjs, Express, Django, Laravel, OpenCV

Infrastructure: AWS (EC2, Lambda, S3, RDS, DynamoDB, CDK), PostgreSQL, Hadoop, MongoDB, Firebase

DevOps & Tools: Claude Code, GitHub Actions, CI/CD, Git, Jest, MVC, Figma, Agile/Scrum, REST APIs